

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1           **Claim 1 (original):**       A radio paging receiver  
2    comprising:  
3           receiving means for receiving a radio signal from a  
4    base station of a radio paging system;  
5           holding means for holding at least of calling address  
6    assigned to own receiver;  
7           first decoding means for picking up message data  
8    corresponding to the calling address or the calling  
9    addresses from the radio signal;  
10          data storing means for storing the message data;  
11          character sequence designating means for designating  
12    character sequences in stored messages;  
13          character sequence retrieving means for detecting  
14    whether or not designated character sequences are contained  
15    in stored messages;  
16          time counting means for monitoring whether or not a  
17    predetermined time has lapsed after the messages are  
18    stored;  
19          erasing means for erasing the stored messages from a  
20    storage area; and  
21          first controlling means for causing the erasing means  
22    to erase concerned messages when it is detected by the

23 character sequence retrieving means that the designated  
24 character sequences are contained in the stored messages  
25 and it is detected by the time counting means that the  
26 predetermined time has lapsed after the messages are  
27 stored.

1       **Claim 2 (original):** A radio paging receiver according  
2 to claim 1, further comprising a character sequence  
3 inputting means for inputting character sequences which are  
4 retrieved to erase messages.

1       **Claim 3 (original):** A radio paging receiver according  
2 to claim 1, further comprising:  
3       address associated storing means for storing the  
4 message data picked up by the first decoding means every  
5 calling address;  
6       address setting means for designating the calling  
7 addresses as objects of erasure by time counting; and  
8       second controlling means for causing the erasing means  
9 to erase the messages based on signals from the address  
10 setting means and the time counting means.

1       **Claim 4 (original):** A radio paging receiver according  
2 to claim 1, further comprising:

3           second decoding means for picking up message data  
4    which are classified into a hierarchical structure and  
5    transmitted to own address;

6           hierarchy.associated storing means for storing the  
7    message data which are picked up by the second decoding  
8    means every hierarchy; and

9           hierarchy setting means for designating hierarchies as  
10   objects of erasure by time counting;

11          wherein erasure of the messages is effected by the  
12   hierarchy setting means and the time counting means.

1           **Claim 5 (original):** A radio paging receiver according  
2    to any one of claims 1 to 4, further comprising:

3           time setting means for inputting times as timings for  
4    erasure of the messages by a user; and

5           time monitoring means for monitoring whether or not a  
6    time coincides with an input time;

7           wherein the erasure of the messages is effected  
8    periodically at respective times which are input by the  
9    user.

1           **Claim 6 (original):** A radio paging receiver according  
2    to any one of claims 1 to 4, further comprising:

3            day-of-the-week setting means for inputting a day of  
4   the week as timings for erasure of the messages by a user;  
5   and

6            day-of-the-week monitoring means for monitoring  
7   whether or not a day of the week coincides with an input  
8   day of the week;

9            wherein the erasure of the messages is effected  
10   periodically at respective days of the week which are input  
11   by the user.

1           **Claim 7 (previously presented):**    A radio paging  
2   receiver comprising:

3            receiving means for receiving a radio signal from a  
4   base station of a radio paging system;

5            first decoding means for picking up one calling  
6   address or a plurality of calling addresses assigned to own  
7   receiver from the radio signal received by the receiving  
8   means and also picking up message data corresponding to the  
9   calling address or the calling addresses;

10           data storing means for storing the message data picked  
11   up by the first decoding means;

12           holding means for holding at least of calling address  
13   assigned to own receiver;

14           character sequence designating means for designating  
15   character sequences in stored messages;

16           received character sequence retrieving means for  
17   detecting whether or not designated character sequences are  
18   contained in received messages; and  
19           erasing means for erasing the messages;  
20           wherein, when designated character sequences are  
21   contained in the received messages, the messages are not  
22   stored in a storage area but automatically erased after the  
23   messages have been checked.

1           **Claim 8 (original):** A radio paging receiver according  
2   to claim 7, further comprising character sequence inputting  
3   means for inputting character sequences which are retrieved  
4   to erase messages.

1           **Claim 9 (original):** A radio paging receiver according  
2   to claim 7, further comprising:  
3           second decoding means for picking up a plurality of  
4   calling addresses assigned to own receiver and picking up  
5   message data which are transmitted to own address;  
6           storing means for storing the message data which are  
7   picked up by the second decoding means every address; and  
8           address setting means for designating addresses as  
9   objects of erasure at a time of reception;

10            wherein the messages related to particular addresses  
11   are not stored in the storage area, but erased after the  
12   messages have been checked.

1            **Claim 10 (original):**    A radio paging receiver  
2   according to claim 7, further comprising:  
3            third decoding means for picking up message data which  
4   are classified into a hierarchical structure and  
5   transmitted to own address;  
6            second storing means for storing the message data  
7   which are picked up by the third decoding means every  
8   hierarchy; and hierarchy setting means for designating  
9   hierarchies as objects of erasure at a time of reception;  
10           wherein the messages belonging to particular  
11   hierarchies are not stored in the storage area, but erased  
12   after the messages have been checked.

1            **Claim 11 (previously presented):**    A radio paging  
2   receiver comprising:  
3            receiving means for receiving a radio signal from a  
4   base station of a radio paging system;  
5            first decoding means for picking up one calling  
6   address or a plurality of calling addresses assigned to own  
7   receiver from the radio signal received by the receiving

8 means and also picking up message data corresponding to the  
9 calling address or the calling addresses;  
10 data storing means for storing the message data picked  
11 up by the first decoding means;  
12 holding means for holding at least of calling address  
13 assigned to own receiver;  
14 character sequence designating means for designating  
15 character sequences in stored messages;  
16 stored character sequence retrieving means for  
17 detecting whether or not designated character sequences are  
18 contained in the message data picked up by the first  
19 decoding means stored in the data storing means; and  
20 erasing means for erasing the messages;  
21 wherein, when designated character sequences are  
22 contained in the stored messages, the messages are erased  
23 collectively concerned messages.

1 **Claim 12 (original):** A radio paging receiver  
2 according to claim 11, further comprising a character  
3 sequence inputting means for inputting character sequences  
4 which are retrieved to erase collectively messages.

1 **Claim 13 (original):** A radio paging receiver  
2 according to claim 11 or claim 12, further comprising:

3           a second decoding means for picking up a plurality of  
4   calling addresses assigned to own receiver and picking up  
5   message data which are transmitted to own address;

6           a first storing means for storing the message data  
7   which are picked up by the second decoding means every  
8   address; and

9           an address setting means for designating addresses as  
10   objects of erasure according to character sequence  
11   conditions;

12          wherein the messages related to particular addresses  
13   can be erased collectively when the messages contain  
14   designated character sequences.

1           **Claim 14 (original):**   A radio paging receiver  
2   according to claim 11 or claim 12, further comprising:

3           third decoding means for picking up message data which  
4   are classified into a hierarchical structure and  
5   transmitted to own address;

6           second storing means for storing the message data  
7   which are picked up by the third decoding means every  
8   hierarchy; and

9           hierarchy setting means for designating hierarchies as  
10   objects of erasure according to character sequence  
11   conditions;



12            wherein the messages belonging to particular  
13 hierarchies can be erased collectively when the messages  
14 contain designated character sequences.

1            **Claim 15 (original):**    A message erasing method  
2 comprising the steps of:  
3            receiving a radio signal from a base station of a  
4 radio paging system;  
5            picking up one calling address or a plurality of  
6 calling addresses assigned to own receiver from received  
7 radio signal; picking up message data corresponding to the  
8 calling address or the calling addresses;  
9            storing message data being picked up;  
10            designating character sequences in stored messages;  
11            detecting whether or not designated character  
12 sequences are contained in stored messages;  
13            monitoring whether or not a predetermined time has  
14 lapsed after the messages have been stored; and  
15            erasing concerned messages if designated character  
16 sequences are contained in the stored messages and it is  
17 detected by the time counting means that the predetermined  
18 time has lapsed after the messages are stored.

1            **Claim 16 (original):**    A message erasing method  
2 according to claim 15, wherein erasure of the messages is

3 effected by inputting character sequences, which are  
4 retrieved to erase messages, via a character sequence  
5 inputting means.

1       **Claim 17 (original):**     A message erasing method  
2 according to claim 15, wherein the message data being  
3 picked up are stored every calling address, the calling  
4 addresses as objects of erasure by time counting are  
5 designated, and the erasure of the messages is effected by  
6 the addresses and the time counting.

1       **Claim 18 (original):**     A message erasing method  
2 according to claim 15, wherein message data which are  
3 classified into a hierarchical structure and transmitted to  
4 own address are picked up, the message data which are  
5 picked up are stored every hierarchy, hierarchies acting as  
6 objects of erasure by time counting are designated, and  
7 erasure of the messages is effected by the hierarchy  
8 setting and the time counting.

1       **Claim 19 (original):**     A message erasing method  
2 according to any one of claims 15 to 18, wherein times as  
3 timings for erasure of the messages are input by a user, it  
4 is monitored whether or not a time coincides with an input  
5 time, and the erasure of the messages is effected

6     periodically at respective times which are input by the  
7     user.

1           **Claim 20 (original):**     A message erasing method  
2     according to any one of claims 15 to 18, wherein a day of  
3     the week acting as timings for erasure of the messages is  
4     input by a user, it is monitored whether or not a day of  
5     the week coincides with an input day of the week, and the  
6     erasure of the messages is effected periodically at  
7     respective days of the week which are input by the user.

1           **Claim 21 (previously presented):**   A message erasing  
2     method comprising the steps of:  
3           receiving a radio signal from a base station of a  
4     radio paging system;  
5           picking up one calling address or a plurality of  
6     calling addresses assigned to own receiver from the radio  
7     signal received;  
8           picking up message data corresponding to the calling  
9     address or the calling addresses;  
10          storing the message data being picked up;  
11          designating character sequences in stored messages;  
12          detecting whether or not designated character  
13     sequences are contained in received messages; and

14            automatically erasing the messages not to store in a  
15            storage area after the messages have been checked when  
16            designated character sequences are contained in the  
17            received messages.

1            **Claim 22 (original):**    A message erasing method  
2            according to claim 21, wherein character sequences which  
3            are retrieved to erase messages are input via a character  
4            sequence inputting means.

1            **Claim 23 (original):**    A message erasing method  
2            according to claim 21, wherein a plurality of calling  
3            addresses assigned to own receiver are picked up, message  
4            data which are transmitted to own address are picked up,  
5            the message data which are picked up by the second decoding  
6            means are stored every address, addresses as objects of  
7            erasure at a time of reception are designated, and the  
8            messages related to particular addresses are not stored in  
9            the storage area but erased after the messages have been  
10            checked.

1            **Claim 24 (original):**    A message erasing method  
2            according to claim 21, wherein message data which are  
3            classified into a hierarchical structure and transmitted to  
4            own address are picked up, the message data which are

5   picked up by the third decoding means are stored every  
6   hierarchy, hierarchies acting as objects of erasure at a  
7   time of reception are designated, and the messages  
8   belonging to particular hierarchies are not stored in the  
9   storage area but erased after the messages have been  
10  checked.

1           **Claim 25 (previously presented):** A message erasing  
2   method comprising the steps of:  
3           receiving a radio signal from a base station of a  
4   radio paging system;  
5           picking up one calling address or a plurality of  
6   calling addresses assigned to own receiver from the radio  
7   signal being received;  
8           picking up message data corresponding to the calling  
9   address or the calling addresses from the radio signal  
10  being received,  
11          storing messages contained in the message data;  
12          designating character sequences;  
13          detecting whether or not the designated character  
14  sequences are contained in the stored messages; and  
15          erasing concerned messages collectively, the concerned  
16  messages being those of the stored messages that contain  
17  the designated character sequences.

1           **Claim 26 (previously presented):** A message erasing  
2 method according to claim 25, wherein the character  
3 sequences which are designated to collectively erase  
4 messages are input via a character sequence inputting  
5 means.

1           **Claim 27 (previously presented):** A message erasing  
2 method according to claim 25 or claim 26, wherein the  
3 message data which are picked up are stored by address,  
4 addresses acting as objects of erasure are designated  
5 according to character sequence conditions, and messages  
6 related to particular addresses can be erased collectively  
7 when the messages contain the designated character  
8 sequences.

1           **Claim 28 (previously presented):** A message erasing  
2 method according to claim 25 or claim 26, wherein message  
3 data which are classified into a hierarchical structure and  
4 transmitted to own address are picked up, the message data  
5 which are picked up are stored hierarchically, hierarchies  
6 as objects of erasure are designated according to character  
7 sequence conditions, and the messages belonging to  
8 particular hierarchies can be erased collectively when the  
9 messages contain designated character sequences.

**Claim 29 (canceled)**

1           **Claim 30 (currently amended):**   A message erasing  
2   method of a radio paging receiver comprising the steps of:  
3           receiving messages via a radio transmission from a  
4   base station of a radio paging system;  
5           storing the messages in a storage device of the radio  
6   paging receiver;  
7           inputting a character sequence designated by a user;  
8           retrieving from the storage device all of the messages  
9   that contain the character sequence designated in the step  
10   of inputting; and  
11           erasing all of the messages retrieved in the step of  
12   ~~automatically retrieving messages.~~